

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re patent application of

Marvin Luther Jones, et al.

MAY 20 2002

Docket No.: D-1460A

Application No.: 09/730,684

GROUP 3600  
Official

Examiner: Edward A. Miller

Filing Date: 6 December 2000

Art Unit: 3641

Title: SOLID ROCKET PROPELLANT

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## AMENDMENT A

Sir:

In response to the Office Action dated 13 September 2001, please amend the  
above-identified application as follows:

IN THE CLAIMS

Please amend claims 13 and 15-17 to read as follows:

B1 13. (Amended) The method of claim 12, wherein the solids are [be] recovered and recycled.

B2 15. (Amended) The method of claim 12, wherein [the] at least one solid compound is an oxidizer that comprises ammonium nitrate, ammonium dinitramide, cyclotrimethylene trinitramide, or cyclotetramethylene tetranitramine and the propellant further comprises a plasticizer that comprises n-butyl nitrateethyl nitramine, trimethylol ethane trinitrate, or triethyleneglycol dinitrate, wherein the propellant comprises about 4 weight % to about 10 weight % HTCE binder, about 45 weight % to about 75 weight % oxidizer, and about 6 weight % to about 18 weight % plasticizer.